

### Problem Statement-3

```
package com.ecommerce.entity;
import java.math.BigDecimal;
import java.util.Date;
import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.Id;
import javax.persistence.Table;
public class EProductEntity {
private long ID;
private String name;
private BigDecimal price;
private Date dateAdded;
public long getID() {return this.ID; }
public String getName() { return this.name;}
public BigDecimal getPrice() { return this.price;}
public Date getDateAdded() { return this.dateAdded;}
public void setID(long id) { this.ID = id;}
public void setName(String name) { this.name = name;}
public void setPrice(BigDecimal price) { this.price = price;}
public void setDateAdded(Date date) { this.dateAdded = date;}
}

package com.ecommerce.dao;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.List;
import org.springframework.jdbc.core.BeanPropertyRowMapper;
import org.springframework.jdbc.core.JdbcTemplate;
import org.springframework.jdbc.core.RowMapper;
import com.ecommerce.entity.EProduct;
public class EProductDAO {
JdbcTemplate template;
public void setTemplate(JdbcTemplate template) {
this.template = template;
}
public List<EProduct> getProducts() {
return template.query("select * from eproduct",new RowMapper<EProduct>() {
public EProduct mapRow(ResultSet rs, int row) throws SQLException {
EProduct e=new EProduct();
e.setID(rs.getInt(1));
e.setName(rs.getString(2));
e.setPrice(rs.getBigDecimal(3));
e.setDateAdded(rs.getDate(4));
return e;
}
});
}
```

```

}
}
package com.ecommerce.controller;
import org.apache.log4j.Logger;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.ui.ModelMap;
import org.springframework.validation.BindingResult;
import org.springframework.web.bind.annotation.ModelAttribute;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.context.ApplicationContext;
import org.springframework.context.support.ClassPathXmlApplicationContext;
import com.ecommerce.entity.EProduct;
import com.ecommerce.dao.EProductDAO;
@Controller
public class MainController {
    @Autowired
    EProductDAO eproductDAO;
    @RequestMapping(value = "/listProducts", method = RequestMethod.GET)
    public String listProducts(ModelMap map)
    {
        List<EProduct> list= eproductDAO.getProducts();
        model.addAttribute("list",list);
        return "listProducts";
    }
}

```